

Converting Colors

XYZ(61.1594, 58.7259, 31.9410)

Have a look what the booklet for
XYZ(61.1594, 58.7259, 31.9410)
contains.

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Color

**XYZ(61.1522, 58.6606,
31.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	F6BF89
RGB	246, 191, 137
RGB Percent	96%, 75%, 54%
CMY	0.0353, 0.2510, 0.4627
CMYK	0.00, 0.22, 0.44, 0.04
HSL	30°, 86%, 75%
HSV	30°, 44%, 96%
XYZ	61.1522, 58.6606, 31.7665
YIQ	201.2890, 50.1140, -5.1340

Conversions

Conversions Part 2

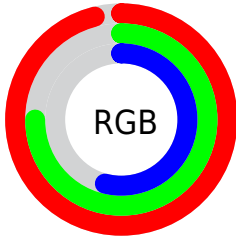
Format	Color
R _Y B	246, 244, 137
Decimal	16170889
CIE Lab	81.10, 13.09, 34.77
CIE LCh	81, 37.157, 69.370
Yxy	58.6606, 0.4034, 0.3870
Android (android.graphics.Color)	4294360969 (0xFFFF6BF89)
YUV	201.2890, -31.6945, 39.2115
Hunter-Lab	76.5902, 8.4875, 29.0221

Details

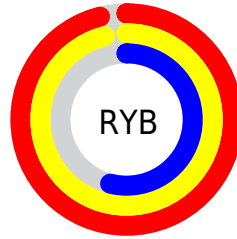
The XYZ color **61.1522, 58.6606, 31.7665** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.8000, 49.6695, 94.3618**, and the grayscale version is **55.8667, 58.7762, 64.0072**.

A 20% lighter version of the original color is **83.9047, 91.5431, 62.5376**, and **31.5072, 29.5402, 12.8453** is the 20% darker color. If you saturate the color by 10%, you get **56.9920, 52.8497, 22.6440**, and if you desaturate by 10%, it is **65.9470, 65.0969, 43.0864**.

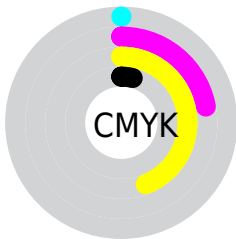
Distribution



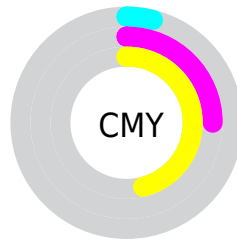
- Red (96%)
- Green (75%)
- Blue (54%)



- Red (96%)
- Yellow (96%)
- Blue (54%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1522, 58.6606, 31.7665 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 61.1522, 58.6606, 31.7665 by changing the saturation by 10% instead.


 61.1522, 58.6606,
31.7665

 61.1522, 58.6606,
31.7665


418.5988,
419.6430, 324.5141


 44.6010, 42.3400,
20.9199


 105.5961,
102.8842, 63.5385

 31.3432, 29.3676,
12.8748


 134.2196,
131.5560, 85.3010

 21.0134, 19.3591,
7.2127

 167.5979,
165.1136, 111.5391

 13.2463, 11.9300,
3.5150

206.0963,
203.9414, 142.6715

 7.6766, 6.6960,
1.3632

250.0803,
248.4239, 179.1166

 3.9388, 3.2727,
0.1128

299.9151,

 1.6675, 1.2757,

298.9454, 221.2931

0.0000

355.9662,
355.8903, 269.6194

■ 0.4358, 0.1223,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1522, 58.6606,
31.7665

■ 61.1522, 58.6606,
31.7665

■ 56.9920, 52.8497,
22.6440

■ 65.9470, 65.0969,
43.0864

■ 53.4288, 47.6332,
15.5677

■ 71.4026, 72.1710,
56.7341

■ 50.4268, 42.9899,
10.3724

■ 77.5488, 79.9056,
72.8339

■ 47.9437, 38.8928,
6.8652

■ 84.4121, 88.3194,
91.5004

■ 45.9287, 35.3115,
4.8106

■ 91.2015, 97.1039,
108.5438

■ 44.9513, 33.4834,
4.0938

■ 91.8159, 98.3328,
108.7486

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.0401, 58.6606, 40.5155



61.1522, 58.6606, 31.7665



53.3724, 58.6606, 30.4301

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.1522, 58.6606, 31.7665



42.3502, 58.6606, 71.0482



65.7145, 58.6606, 102.7098

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.1522, 58.6606, 31.7665



45.8000, 49.6695, 94.3618

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.2078, 58.6606, 115.6885



61.1522, 58.6606, 31.7665



45.0458, 58.6606, 94.8225

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1522, 58.6606, 31.7665



42.9811, 58.6606, 50.0293



50.6854, 58.6606, 112.5091



70.8383, 58.6606, 80.0568

Rectangle

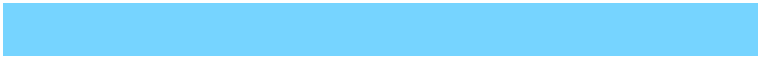
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.1522, 58.6606, 31.7665



48.7850, 58.6606, 33.5170



50.6854, 58.6606, 112.5091



63.3594, 58.6606, 108.5615

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.1537, 58.6634, 31.7677



85.0593, 87.8350, 81.4726



56.6130, 41.3491, 55.6353



17.8717, 18.3851, 16.5443



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.1537, 58.6634, 31.7677



62.3515, 58.0734, 25.6446



74.9273, 86.2106, 36.3589



17.1773, 17.8387, 17.3354



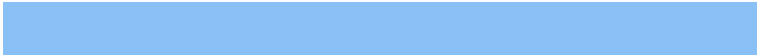
24.1333, 18.1522, 2.2318



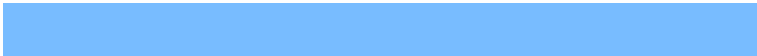
2.2238, 1.8008, 0.2304

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.8000, 49.6695, 94.3618



43.7663, 47.1850, 101.4086



36.1577, 30.3851, 91.1478



16.2722, 17.3086, 21.0258



12.8744, 11.5426, 48.0874



1.2344, 1.2201, 4.2607

Previews

White Background



This preview shows how the XYZ color 61.1522, 58.6606, 31.7665 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.1522, 58.6606, 31.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

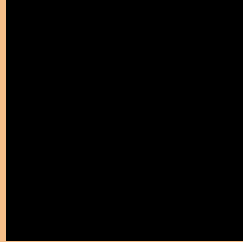
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1522, 58.6606, 31.7665

Background



This preview shows how black text looks on a background with the XYZ color 61.1522, 58.6606, 31.7665.



This preview shows how white text looks on a background with the XYZ color 61.1522, 58.6606,

31.7665.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.1522, 58.6606, 31.7665

Protanopia

54.8417, 59.0696, 33.7104

Deuteranopia

59.8609, 58.6468, 31.8319



Tritanopia

67.1564, 58.5936, 60.5935

Trichromacy



Original Color

61.1522, 58.6606, 31.7665

Protanomaly

56.9226, 58.7756, 33.1556

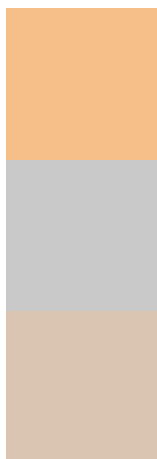
Deuteranomaly

60.3271, 58.5601, 31.7906

Tritanomaly

64.7211, 58.5370, 48.4450

Monochromacy



Original Color

61.1522, 58.6606, 31.7665

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.6174, 57.8986, 50.3110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1522, 58.6606, 31.7665 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(246, 191, 137)` looks like.

```
.text, #text, p{  
    color:rgb(246, 191, 137)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 191, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 191, 137) }
```

Border

The CSS property to change the border of an element to XYZ 61.1522, 58.6606, 31.7665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 191, 137) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 191, 137) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 191, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 191, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 191, 137);  
box-shadow:4px 4px 4px 4px rgb(246, 191,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1522, 58.6606, 31.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 191, 137) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
191, 137) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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